

Jurisdiction:

CARTER COUNTY, MONTANA**Instructions for Using the Plan Review Crosswalk for Review of Local Mitigation Plans**

Attached is a Plan Review Crosswalk based on the *Multi-Hazard Mitigation Planning Guidance Under the Disaster Mitigation Act of 2000*, published by FEMA, dated March 2004. This Plan Review Crosswalk is consistent with the *Disaster Mitigation Act of 2000* (P.L. 106-390), enacted October 30, 2000 and *44 CFR Part 201 – Mitigation Planning, Interim Final Rule* (the Rule), published February 26, 2002.

SCORING SYSTEM

N – Needs Improvement: The plan does not meet the minimum for the requirement. Reviewer's comments must be provided.

S – Satisfactory: The plan meets the minimum for the requirement. Reviewer's comments are encouraged, but not required.

Each requirement includes separate elements. All elements of a requirement must be rated "Satisfactory" in order for the requirement to be fulfilled and receive a summary score of "Satisfactory." A "Needs Improvement" score on elements shaded in gray (recommended but not required) will not preclude the plan from passing.

When reviewing single jurisdiction plans, reviewers may want to put an N/A in the boxes for multi-jurisdictional plan requirements. When reviewing multi-jurisdictional plans, reviewers may want to put an N/A in the prerequisite box for single jurisdiction plans.

States that have additional requirements can add them in the appropriate sections of the *Multi-Hazard Mitigation Planning Guidance* or create a new section and modify this Plan Review Crosswalk to record the score for those requirements.

Optional matrices for assisting in the review of sections on profiling hazards, assessing vulnerability, and identifying and analyzing mitigation actions are found at the end of the Plan Review Crosswalk.

The example below illustrates how to fill in the Plan Review Crosswalk.

Example

Assessing Vulnerability: Overview

Requirement §201.6(c)(2)(ii): [The risk assessment *shall* include a] description of the jurisdiction's vulnerability to the hazards described in paragraph (c)(2)(i) of this section. This description *shall* include an overall summary of each hazard and its impact on the community.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the plan include an overall summary description of the jurisdiction's vulnerability to each hazard?	Section II, pp. 4-10	The plan describes the types of assets that are located within geographically defined hazard areas as well as those that would be affected by winter storms.		✓
B. Does the plan address the impact of each hazard on the jurisdiction?	Section II, pp. 10-20	The plan does not address the impact of two of the five hazards addressed in the plan. Required Revisions: • Include a description of the impact of floods and earthquakes on the assets. Recommended Revisions: • This information can be presented in terms of dollar value or percentages of damage.	✓	
SUMMARY SCORE			✓	

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Local Mitigation Plan Review and Approval Status

Jurisdiction: Carter County	Title of Plan: Carter County & Town of Ekalaka Pre-Disaster Mitigation Plan	Date of Plan: December 2004
Local Point of Contact: Candy Loehding	Address: PO Box 42 Ekalaka, MT 59324	
Title: DES Coordinator/ LEPC Secretary		
Agency: Disaster and Emergency Services/Carter County		
Phone Number: 406-975-6416	E-Mail: cloehding@midrivers.com	

State Reviewer: Larry Akers	Title: SHMO	Date: January 2005
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FEMA Reviewer: Wade Nofziger Ken Crawford Frank Potempa	Title: Mitigation Specialist Mitigation Specialist URS	Date: February 18, 2005 March 29, 2005 March 10, 2005
Date Received in FEMA Region VIII	February 15, 2005	
Plan Not Approved		
Plan Approved	XXX	
Date Approved	April 21, 2005	

Jurisdiction:	NFIP Status*			
	Y	N	N/A	CRS Class
1. Carter County (not participating/not mapped)			X	
2. Town of Ekalaka (Emerg. Program 6/16/1997 – not mapped)	X			

* Notes:

Y = Participating

N = Not Participating

N/A = Not Mapped

Jurisdiction:

CARTER COUNTY, MONTANA**LOCAL MITIGATION PLAN REVIEW SUMMARY**

The plan cannot be approved if the plan has not been formally adopted.

Each requirement includes separate elements. All elements of the requirement must be rated "Satisfactory" in order for the requirement to be fulfilled and receive a score of "Satisfactory." Elements of each requirement are listed on the following pages of the Plan Review Crosswalk. A "Needs Improvement" score on elements shaded in gray (recommended but not required) will not preclude the plan from passing. Reviewer's comments must be provided for requirements receiving a "Needs Improvement" score.

SCORING SYSTEM

Please check one of the following for each requirement.

N – Needs Improvement: The plan does not meet the minimum for the requirement.

Reviewer's comments must be provided.

S – Satisfactory: The plan meets the minimum for the requirement. Reviewer's comments are encouraged, but not required.

Prerequisite(s) (Check Applicable Box)

Adoption by the Local Governing Body:
§201.6(c)(5) **OR**

NOT MET	MET
	N/A

Multi-Jurisdictional Plan Adoption: §201.6(c)(5)
AND

Multi-Jurisdictional Planning Participation:
§201.6(a)(3)

	X
	X

Planning Process

Documentation of the Planning Process: §201.6(b)
and §201.6(c)(1)

N	S
	X

Risk Assessment

Identifying Hazards: §201.6(c)(2)(i)

Profiling Hazards: §201.6(c)(2)(i)

Assessing Vulnerability: Overview: §201.6(c)(2)(ii)

Assessing Vulnerability: Identifying Structures:
§201.6(c)(2)(ii)(A)

Assessing Vulnerability: Estimating Potential
Losses: §201.6(c)(2)(ii)(B)

Assessing Vulnerability: Analyzing Development
Trends: §201.6(c)(2)(ii)(C)

Multi-Jurisdictional Risk Assessment:
§201.6(c)(2)(iii)

N	S
	X
	X
	X
X	
X	
X	
	X

Mitigation Strategy

Local Hazard Mitigation Goals: §201.6(c)(3)(i)

Identification and Analysis of Mitigation Actions:
§201.6(c)(3)(ii)

Implementation of Mitigation Actions:
§201.6(c)(3)(iii)

Multi-Jurisdictional Mitigation Actions:
§201.6(c)(3)(iv)

N	S
	X
	X
	X
	X

Plan Maintenance Process

Monitoring, Evaluating, and Updating the Plan:
§201.6(c)(4)(i)

Incorporation into Existing Planning Mechanisms:
§201.6(c)(4)(ii)

Continued Public Involvement: §201.6(c)(4)(iii)

N	S
	X
	X
	X

N	S

LOCAL MITIGATION PLAN APPROVAL STATUS

PLAN NOT APPROVED

☐

PLAN APPROVED

XXX

See Reviewer's Comments

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PREREQUISITE(S)

Adoption by the Local Governing Body

Requirement §201.6(c)(5): [The local hazard mitigation plan **shall** include] documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval of the plan (e.g., City Council, County Commissioner, Tribal Council).

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			NOT MET	MET
A. Has the local governing body adopted the plan?		N/A		
B. Is supporting documentation, such as a resolution, included?		N/A		
SUMMARY SCORE				

Multi-Jurisdictional Plan Adoption

Requirement §201.6(c)(5): For multi-jurisdictional plans, each jurisdiction requesting approval of the plan **must** document that it has been formally adopted.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			NOT MET	MET
A. Does the plan indicate the specific jurisdictions represented in the plan?	Page I, II	Carter County and the Town of Ekalaka are listed.		X
B. For each jurisdiction, has the local governing body adopted the plan?	Resolutions in front of document	Both jurisdictions have adopted the plan with resolutions.		X
C. Is supporting documentation, such as a resolution, included for each participating jurisdiction?	Pages I, II, Appendix	Resolutions, sign-in rosters, and minutes of meetings are provided.		X
SUMMARY SCORE				X

Multi-Jurisdictional Planning Participation

Requirement §201.6(a)(3): Multi-jurisdictional plans (e.g., watershed plans) may be accepted, as appropriate, as long as each jurisdiction has participated in the process ... Statewide plans will not be accepted as multi-jurisdictional plans.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			NOT MET	MET
A. Does the plan describe how each jurisdiction participated in the plan's development?	Pages 8-10	The plan describes the participants and their roles in the plan development. Meetings consisted of introducing the PDM process, discussing and reviewing elements of the plan, and reviewing of the final plans before formal submittal to the State and FEMA.		X
SUMMARY SCORE				X

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PLANNING PROCESS: §201.6(b): *An open public involvement process is essential to the development of an effective plan.*

Documentation of the Planning Process

Requirement §201.6(b): *In order to develop a more comprehensive approach to reducing the effects of natural disasters, the planning process **shall** include:*

- (1) *An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval;*
- (2) *An opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia and other private and non-profit interests to be involved in the planning process; and*
- (3) *Review and incorporation, if appropriate, of existing plans, studies, reports, and technical information.*

Requirement §201.6(c)(1): *[The plan **shall** document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the plan provide a narrative description of the process followed to prepare the plan?	Pages 8-10	<p>The plan contains a brief description of the process. The plan documents planning activities through a series of meetings sponsored by the LEPC. Information was gathered from stakeholders and participants of the LEPC worked on elements of the plan. This process is documented over a twenty-two month timeline.</p> <p>Recommended Action: For future updates, more detailed information describing the planning process steps would enhance the plan. When and how each step of the process was initiated should be explained.</p> <p>For more information on documenting and preparing multi-jurisdictional plans, see: <i>Multi-Hazard Mitigation Planning Guidance, pages 3-1 thru 3-4.</i></p> <p><i>Getting Started</i> (FEMA 386-1), Steps 1 – 3. http://www.fema.gov/fima/resources.shtm</p>		X
B. Does the plan indicate who was involved in the planning process? (For example, who led the development at the staff level and were there any external contributors such as contractors? Who participated on the plan committee, provided information, reviewed drafts, etc.?)	Pages 44-46 Appendix	Excellent detail as to who were involved, public notices as well as meetings and details of meetings used to discuss and prepare planning efforts.		X

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C. Does the plan indicate how the public was involved? (Was the public provided an opportunity to comment on the plan during the drafting stage and prior to the plan approval?)	Appendix, page of Notices in the Ekalaka Eagle paper	The public was afforded two opportunities to formally review and comment on the draft and final plan. Documentation of newspaper advertisements for the two open public review sessions is provided in the plan. In addition, the LEPC coordinating meetings were open to the public and plan elements were reviewed and discussed openly over the development period. Copies of the plan were made available at the library. Public comments were submitted to the DES and addressed accordingly in relation to the plan review and update.		X
D. Was there an opportunity for neighboring communities, agencies, businesses, academia, nonprofits, and other interested parties to be involved in the planning process?	Pages 44-46	Since the plan was multi-jurisdictional, opportunity for comment was afforded to everyone in the entire county. Additionally, the planning team had a diverse group of participants representing the county and interests of various agencies, such as the NWS and BLM, electric co-ops, etc.		X
E. Does the planning process describe the review and incorporation, if appropriate, of existing plans, studies, reports, and technical information?	Pages 8-10	There is documentation of the review of existing documents and studies, such as the existing pre-disaster mitigation plans, weather information websites, and federal agency websites. Recommended Action: For future updates, utilizing local plans such as Comprehensive Zoning and Land Use Plans, building codes, watershed and flood plans and situational reports, would provide extensive information for the plan.		X
SUMMARY SCORE				X

RISK ASSESSMENT: §201.6(c)(2): *The plan shall include a risk assessment that provides the factual basis for activities proposed in the strategy to reduce losses from identified hazards. Local risk assessments must provide sufficient information to enable the jurisdiction to identify and prioritize appropriate mitigation actions to reduce losses from identified hazards.*

Identifying Hazards

Requirement §201.6(c)(2)(i): *[The risk assessment shall include a] description of the type ... of all natural hazards that can affect the jurisdiction.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the plan include a description of the types of all natural hazards that affect the jurisdiction? If the hazard identification omits (without explanation) any hazards commonly recognized as threats to the jurisdiction, this part of the plan cannot receive a	Pages 11-21	The plan identifies the primary hazards first and then provides information on a wide variety of various other lesser threats. For a lightly populated area, they did a nice job of describing the hazards.		X

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Satisfactory score. Consult with the State Hazard Mitigation Officer to identify applicable hazards that may occur in the planning area.		<u>Notes:</u> Natural hazards are the only hazards required to be identified and assessed. For future revisions, man-made and/or technological hazards can be identified and assessed.		
SUMMARY SCORE				X

Profiling Hazards

Requirement §201.6(c)(2)(i): *[The risk assessment shall include a] description of the ... location and extent of all natural hazards that can affect the jurisdiction. The plan shall include information on previous occurrences of hazard events and on the probability of future hazard events.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the risk assessment identify the location (i.e., geographic area affected) of each natural hazard addressed in the plan?	Pages 11-21	The nature of the identified hazards makes the geographic locations for most of the hazards to be general or countywide. Maps are presented in the plan for most of the hazards. <u>Recommended Action:</u> The location of the specific hazards should be better delineated, such as in a map or where specifically, in the county. Hazards, such as flood and wildfire, could be displayed in a map. This information will enhance the RA and provide information that can be utilized in other sections of the plans, such as the vulnerability overview and mitigation actions.		X
B. Does the risk assessment identify the extent (i.e., magnitude or severity) of each hazard addressed in the plan?	Pages 11-21	The plan identifies known hazard damages and their severity. <u>Recommendation:</u> In the next update, provide a more detailed assessment of the potential severity and magnitude.		X
C. Does the plan provide information on previous occurrences of each hazard addressed in the plan?	Pages 11-21	The plan identifies the history of events in the county, by hazard. <u>Notes:</u> For additional information, consult the National Climatic Data Center, NCDC, which provides archived data of previous hazard events. The NCDC data date back to the early 1990's, although flood events are documented back to 1950. The SHELDUS database www.sheldus.org includes this information and the dollar losses experienced for the County. Historical data shows that winter storms have had significant impacts on the county		X

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D. Does the plan include the probability of future events (i.e., chance of occurrence) for each hazard addressed in the plan?	Pages 11-21	The plan identifies the areas where they know there may be future problems. Hazard probability is provided in the table on page 16 and 21. This value is shown as either a high, moderate or low probability of occurring in any given year.		X
SUMMARY SCORE				X

Assessing Vulnerability: Overview

Requirement §201.6(c)(2)(ii): *[The risk assessment **shall** include a] description of the jurisdiction's vulnerability to the hazards described in paragraph (c)(2)(i) of this section. This description **shall** include an overall summary of each hazard and its impact on the community.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the plan include an overall summary description of the jurisdiction's vulnerability to each hazard?	Page 21	<p>The county provided a very nice prioritized summary of the vulnerability to county. Table 3-6c presents overall summary for all the hazards. Each hazard is summarized by hazard history, vulnerability, maximum threat, and probability, and then a final rank based on the other values. The methodology used for ranking the hazards is provided with the table. A very general overall picture of the county's vulnerability for each hazard is presented in the table.</p> <p><u>Recommended Action:</u> A narrative would provide additional summary information about the overall vulnerabilities to the county from the hazards. Describe the jurisdiction's vulnerability for each hazard, specifically the high-risk hazards. This information should define the overall vulnerability of that hazard and identify the areas of the county most vulnerable to that hazard.</p> <p>For more information on assessing vulnerability, see: <i>Multi-Hazard Mitigation Planning Guidance, pages 3-17 and 3-18</i></p> <p><i>Understanding Your Risks (FEMA 386-2), Step 3, Worksheet #3a Inventory Assets.</i> http://www.fema.gov/fima/resources.shtm.</p>		X
B. Does the plan address the impact of each hazard on the jurisdiction?	Pages 11-21	This is presented in table 3-6c under the variables Average Vulnerability and Maximum Threat Casualties and Property Damage. The method describes the ranking characteristics for each of these variables. Additionally, a table on page 16 summarizes the hazards by impacts. Hazards are rated by their		X

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		<p>impacts on property, population and economic impact.</p> <p><u>Recommended Action:</u> A narrative would provide additional summary information about the overall vulnerabilities to the county from the hazards. Describe the jurisdiction's vulnerability for each hazard, specifically the high-risk hazards. This information should define the overall vulnerability of that hazard and identify the areas of the county most vulnerable to that hazard. Describe the impact in relation to numbers of buildings and or faculties potentially impacted from a hazard event, for example numbers of homes in a high wildfire area or housing units in a floodway.</p> <p>For more information on assessing vulnerability, see: <u>Multi-Hazard Mitigation Planning Guidance, pages 3-17 and 3-18</u></p> <p><u>Understanding Your Risks (FEMA 386-2), Step 3, Worksheet #3a Inventory Assets.</u> http://www.fema.gov/fima/resources.shtm.</p>		
SUMMARY SCORE				X

Assessing Vulnerability: Identifying Structures

Requirement §201.6(c)(2)(ii)(A): The plan **should** describe vulnerability in terms of the types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard area

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the plan describe vulnerability in terms of the types and numbers of existing buildings, infrastructure, and critical facilities located in the identified hazard areas?	Pages 22-26	<p>A table is provided that lists critical facilities identified by the county. Although vulnerable assets are identified, the information provided does not meet the requirement as defined by S201.6(c)(2)(ii)(A). Some vulnerable assets are identified in the plan, but these are not described as being vulnerable to any specific hazard or identified hazard area.</p> <p>The assessment in this section should be based on information from the previous section, Vulnerability Overview, which lacks detailed information for each hazard.</p> <p><u>Required Action:</u> In order to receive a satisfactory score on this section, please</p>	X	

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		<p>describe the buildings and infrastructure in relation to identified hazard areas.</p> <p>For more information on preparing a vulnerability assessment, see: <i>Multi-Hazard Mitigation Planning Guidance, pages 3-17 and 3-18</i></p> <p><i>Understanding Your Risks</i> (FEMA 386-2), Step 3, Worksheet #3a Inventory Assets. http://www.fema.gov/fima/resources.shtm</p> <p>Note: A “Needs Improvement” score on this requirement will not preclude the plan from passing.</p>		
B. Does the plan describe vulnerability in terms of the types and numbers of future buildings, infrastructure, and critical facilities located in the identified hazard areas?	Pages 22-26	<p>The county is very rural, with limited on-going construction for future growth. They did note that the roads, most of which are gravel, are very vulnerable to bad weather and become impassable. They provided some detail about the numbers of buildings at risk.</p> <p>Future developments and utility infrastructure are mentioned in the plan, although these are not assessed vulnerability. The assessment in this section should be based on information from the previous section, Vulnerability Overview, which lacks detailed information for each hazard.</p> <p>Required Action: In order to receive a satisfactory score on this section, please describe future buildings and infrastructure in relation to identified hazard areas. For example, the newly planned subdivision and planned oil and gas pipelines should be assessed as to their location in vulnerable areas.</p> <p>For more information on preparing a vulnerability assessment, see: <i>Multi-Hazard Mitigation Planning Guidance, pages 3-17 and 3-18</i></p> <p><i>Understanding Your Risks</i> (FEMA 386-2), Step 3, Worksheet #3a Inventory Assets. http://www.fema.gov/fima/resources.shtm</p> <p>Note: A “Needs Improvement” score on this requirement will not preclude the plan from passing.</p>	X	
SUMMARY SCORE			X	

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Assessing Vulnerability: Estimating Potential Losses

Requirement §201.6(c)(2)(ii)(B): *[The plan **should** describe vulnerability in terms of an] estimate of the potential dollar losses to vulnerable structures identified in paragraph (c)(2)(i)(A) of this section and a description of the methodology used to prepare the estimate*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the plan estimate potential dollar losses to vulnerable structures?	Assessing Vulnerability, pages 22 and 26	<p>A table is provided listing critical facilities with insured values defined. Although values are provided for all identified assets, the information provided does not meet the requirement as defined by S201.6(c)(2)(ii)(B). Some vulnerable assets are identified in the plan but these are not described as to being vulnerable to any specific hazard or identified hazard area. The assessment should be based on S201.6(c)(2)(ii)(A), Vulnerability Overview, which does not specifically identify vulnerable structures per hazard area and type.</p> <p><u>Required Action:</u> The county made a good start, since the plan identifies what assets are critical and identifies some of the vulnerable structures. However, in order to receive a satisfactory score on this section, vulnerable structures must first be identified in relation to each hazard and the hazard prone areas. For example, the analysis should identify which critical structures and assets are vulnerable to flood, wildfire, etc. Once the assets are identified per hazard, a loss estimate can be calculated on that specific asset for that hazard. This analysis should vary per hazard since all hazard impacts are not equal in impact, The county rates flood hazard as being low. For more information on preparing a vulnerability assessment, see: <i>Multi-Hazard Mitigation Planning Guidance, pages 3-22 and 3-24. Understanding Your Risks (FEMA 386-2), Step 4, http://www.fema.gov/fima/resources.shtm</i></p> <p>Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.</p>	X	
B. Does the plan describe the methodology used to prepare the estimate?	Page 30	<p>See notes above in Part A. For more information on preparing a vulnerability assessment, see: <i>Multi-Hazard Mitigation Planning Guidance, pages 3-22 and 3-24. Understanding Your Risks (FEMA 386-2), Step 4, http://www.fema.gov/fima/resources.shtm</i></p> <p>Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.</p>	X	
SUMMARY SCORE			X	

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Assessing Vulnerability: Analyzing Development Trends

Requirement §201.6(c)(2)(ii)(C): [The plan **should** describe vulnerability in terms of] providing a general description of land uses and development trends within the community so that mitigation options can be considered in future land use decisions.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the plan describe land uses and development trends?	Page 27	<p>Carter County is a lightly populated, agriculture-based county. The primary concerns are conditions of the roads and the ability to move commerce throughout the county. There is limited development. The plan describes the current land use and trends for the county and the Town of Ekalaka. According to the county new development is proposed but it is not assessed for vulnerability.</p> <p><u>Recommended Actions:</u> For future updates, assess the vulnerability of future land use developments</p> <p>Note: A “Needs Improvement” score on this requirement will not preclude the plan from passing.</p>		X
SUMMARY SCORE				X

Multi-Jurisdictional Risk Assessment

Requirement §201.6(c)(2)(iii): For multi-jurisdictional plans, the risk assessment **must** assess each jurisdiction's risks where they vary from the risks facing the entire planning area.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the plan include a risk assessment for each participating jurisdiction as needed to reflect unique or varied risks?	Page 11-16	<p>Since the county seat is Ekalaka, most of the risk assessment pertains to this area, although the entire county is assessed.</p> <p><u>Recommended Actions:</u> For future updates, expand the risk assessment to determine variability in the impact of hazards throughout the county and jurisdictions. For more information on preparing a vulnerability assessment, see: <i>Multi-Hazard Mitigation Planning Guidance</i>, pages 3-27 and 3-28. <i>Understanding Your Risks</i> (FEMA 386-2), Steps 1-4, http://www.fema.gov/fima/resources.shtm</p>		X
SUMMARY SCORE				X

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MITIGATION STRATEGY: §201.6(c)(3): *The plan shall include a mitigation strategy that provides the jurisdiction’s blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and its ability to expand on and improve these existing tools.*

Local Hazard Mitigation Goals

Requirement §201.6(c)(3)(i): *[The hazard mitigation strategy **shall** include a] description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.*

Element	Location in the Plan (section or annex and page #)	Reviewer’s Comments	SCORE	
			N	S
A Does the plan include a description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards? (GOALS are long-term; represent what the community wants to achieve, such as “eliminate flood damage”; and are based on the risk assessment findings.)	Pages 33-35	The plan identifies six primary goals, with multiple objectives within each goal.		X
SUMMARY SCORE				X

Identification and Analysis of Mitigation Actions

Requirement §201.6(c)(3)(ii): *[The mitigation strategy **shall** include a] section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure.*

Element	Location in the Plan (section or annex and page #)	Reviewer’s Comments	SCORE	
			N	S
A. Does the plan identify and analyze a comprehensive range of specific mitigation actions and projects for each hazard?	Pages 38-40	The plan lists a wide range of actions, many of which are more preparedness and response issues. There are, however, mitigation actions identified for flood and wildfire hazards. <u>Recommendation:</u> For the five year update, place more emphasis on specific “mitigation” actions relative to the primary hazards.		X
B Do the identified actions and projects address reducing the effects of hazards on new buildings and infrastructure?	Pages 38-40	As there appears to be very little new construction on-going in the county, the plan focuses on new infrastructure, such as replacing bridges with culverts and upgrading the roads.		X
C. Do the identified actions and projects address reducing the effects of hazards on existing buildings and infrastructure?	Pages 31-32	The plan identifies a variety of measures to reduce the effects of hazards within the county.		X
SUMMARY SCORE				X

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Implementation of Mitigation Actions

Requirement: §201.6(c)(3)(iii): [The mitigation strategy section **shall** include] an action plan describing how the actions identified in section (c)(3)(ii) will be prioritized, implemented, and administered by the local jurisdiction. Prioritization **shall** include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the mitigation strategy include how the actions are prioritized ? (For example, is there a discussion of the process and criteria used?)	Page 38	All of the mitigation measures were prioritized. They also provided the methodology for that prioritization.		X
B. Does the mitigation strategy address how the actions will be implemented and administered ? (For example, does it identify the responsible department, existing and potential resources, and timeframe?)	Page 40	Projects will be administered by the DES Coordinator, in coordination with various other local, state, and federal agencies. The actions identify the project, jurisdiction, responsible agency, potential funding and priority scoring. The county has done a good job in the mitigation section of the plan.		X
C. Does the prioritization process include an emphasis on the use of a cost-benefit review (see page 3-36 of <i>Multi-Hazard Mitigation Planning Guidance</i>) to maximize benefits?	Page 37	They developed a nice Benefit to Cost Feasibility chart that was used in the analysis of all of the proposed projects.		X
SUMMARY SCORE				X

Multi-Jurisdictional Mitigation Actions

Requirement §201.6(c)(3)(iv): For multi-jurisdictional plans, there **must** be identifiable action items specific to the jurisdiction requesting FEMA approval or credit of the plan.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A Does the plan include at least one identifiable action item for each jurisdiction requesting FEMA approval of the plan?	Page 38-40	Most of the identified measures are for the entire county, but there are several specifically identified for the Town of Ekalaka.		X
SUMMARY SCORE				X

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PLAN MAINTENANCE PROCESS

Monitoring, Evaluating, and Updating the Plan

Requirement §201.6(c)(4)(i): *[The plan maintenance process **shall** include a] section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the plan describe the method and schedule for monitoring the plan? (For example, does it identify the party responsible for monitoring and include a schedule for reports, site visits, phone calls, and meetings?)	Page 41	The plan will be reviewed by the LEPC and the public annually.		X
B. Does the plan describe the method and schedule for evaluating the plan? (For example, does it identify the party responsible for evaluating the plan and include the criteria used to evaluate the plan?)	Page 41	Review will work through the LEPC on an annual basis.		X
C. Does the plan describe the method and schedule for updating the plan within the five-year cycle?	Page 41	Review will work through the LEPC on an annual basis.		X
SUMMARY SCORE				X

Incorporation into Existing Planning Mechanisms

Requirement §201.6(c)(4)(ii): *[The plan **shall** include a] process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans, when appropriate.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the plan identify other local planning mechanisms available for incorporating the requirements of the mitigation plan?	Pages 8-10	The plan includes input from various local agencies, state agencies, such as MDT, NWS, BLM, and USFS.		X
B. Does the plan include a process by which the local government will incorporate the requirements in other plans, when appropriate?	Page 41	Comprehensive action plans, incorporating the goals of this plan, are being developed for the county and the Town of Ekalaka.		X
SUMMARY SCORE				X

Jurisdiction:

CARTER COUNTY, MONTANA

Continued Public Involvement

Requirement §201.6(c)(4)(iii): *[The plan maintenance process **shall** include a] discussion on how the community will continue public participation in the plan maintenance process.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the plan explain how continued public participation will be obtained? (For example, will there be public notices, an on-going mitigation plan committee, or annual review meetings with stakeholders?)	Page 41	<p>The plan provides a public notice process in it.</p> <p><u>Recommendation:</u></p> <p>Public notices for this specific endeavor should be encouraged on an annual basis; otherwise this effort is left to a very small team of regular players and doesn't really encourage expanded thought and analysis for the process.</p>		X
SUMMARY SCORE				X

Jurisdiction:

CARTER COUNTY, MONTANA**Matrix A: Profiling Hazards**

This matrix can assist FEMA and the State in scoring each hazard. Local jurisdictions may find the matrix useful to ensure that their plan addresses each natural hazard that can affect the jurisdiction. **Completing the matrix is not required.**

*Note: First, check which hazards are identified in requirement §201.6(c)(2)(i). Then, place a checkmark in either the N or S box for each **applicable** hazard. An “N” for any element of any identified hazard will result in a “Needs Improvement” score for this requirement. List the hazard and its related shortcoming in the comments section of the Plan Review Crosswalk.*

Hazard Type	Hazards Identified Per Requirement §201.6(c)(2)(i)	A. Location		B. Extent		C. Previous Occurrences		D. Probability of Future Events	
	Yes	N	S	N	S	N	S	N	S
Avalanche	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coastal Erosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coastal Storm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dam Failure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drought	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Earthquake	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Expansive Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extreme Heat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hailstorm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hurricane	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Land Subsidence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Landslide	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Severe Winter Storm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tornado	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tsunami	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Volcano	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wildfire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Windstorm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

To check boxes, double click on the box and change the default value to “checked.”

Legend:

§201.6(c)(2)(i) Profiling Hazards

- A. Does the risk assessment identify the location (i.e., geographic area affected) of each hazard addressed in the plan?
- B. Does the risk assessment identify the extent (i.e., magnitude or severity) of each hazard addressed in the plan?
- C. Does the plan provide information on previous occurrences of each natural hazard addressed in the plan?
- D. Does the plan include the probability of future events (i.e., chance of occurrence) for each hazard addressed in the plan?

Jurisdiction:

CARTER COUNTY, MONTANA**Matrix B: Assessing Vulnerability**

This matrix can assist FEMA and the State in scoring each hazard. Local jurisdictions may find the matrix useful to ensure that their plan addresses each requirement. **Completing the matrix is not required.**

*Note: First, check which hazards are identified in requirement §201.6(c)(2)(i). Then, place a checkmark in either the N or S box for each **applicable** hazard. An “N” for any element of any identified hazard will result in a “Needs Improvement” score for this requirement. List the hazard and its related shortcoming in the comments section of the Plan Review Crosswalk.*

Note: Receiving an N in the shaded columns will not preclude the plan from passing.

To check boxes, double click on the box and change the default value to “checked.”

Hazard Type	Hazards Identified Per Requirement §201.6(c)(2)(i)		A. Overall Summary Description of Vulnerability		B. Hazard Impact			A. Types and Number of Existing Structures in Hazard Area (Estimate)		B. Types and Number of Future Structures in Hazard Area (Estimate)			A. Loss Estimate		B. Methodology	
	Yes		N	S	N	S		N	S	N	S		N	S	N	S
Avalanche	<input type="checkbox"/>	§201.6(c)(2)(ii) Assessing Vulnerability: Overview	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coastal Erosion	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coastal Storm	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dam Failure	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drought	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Earthquake	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Expansive Soils	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extreme Heat	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flood	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hailstorm	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hurricane	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Land Subsidence	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Landslide	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Severe Winter Storm	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tornado	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tsunami	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Volcano	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wildfire	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Windstorm	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other _____	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Other _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Legend:

§201.6(c)(2)(ii) Assessing Vulnerability: Overview

A. Does the plan include an overall summary description of the jurisdiction's vulnerability to each hazard?

B. Does the plan address the impact of each hazard on the jurisdiction?

§201.6(c)(2)(ii)(A) Assessing Vulnerability: Identifying Structures

A. Does the plan describe vulnerability in terms of the types and numbers of existing buildings,

B. Does the plan describe vulnerability in terms of the types and numbers of future buildings, infrastructure, and critical facilities located in the identified hazard areas?

§201.6(c)(2)(ii)(B) Assessing Vulnerability: Estimating Potential Losses

A. Does the plan estimate potential dollar losses to vulnerable structures?

B. Does the plan describe the methodology used to prepare the estimate?

Jurisdiction:

CARTER COUNTY, MONTANA

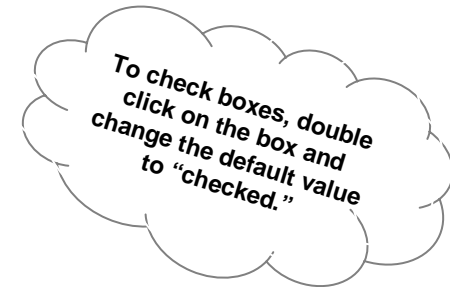
infrastructure, and critical facilities located in the identified hazard areas?

Matrix C: Identification and Analysis of Mitigation Actions

This matrix can assist FEMA and the State in scoring each hazard. Local jurisdictions may find the matrix useful to ensure consideration of a range of actions for each hazard. **Completing the matrix is not required.**

*Note: First, check which hazards are identified in requirement §201.6(c)(2)(i). Then, place a checkmark in either the N or S box for each **applicable** hazard. An “N” for any identified hazard will result in a “Needs Improvement” score for this requirement. List the hazard and its related shortcoming in the comments section of the Plan Review Crosswalk.*

Hazard Type	Hazards Identified Per Requirement §201.6(c)(2)(i)	A. Comprehensive Range of Actions and Projects	
		N	S
Avalanche	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coastal Erosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coastal Storm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dam Failure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drought	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Earthquake	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Expansive Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extreme Heat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hailstorm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hurricane	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Land Subsidence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Landslide	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Severe Winter Storm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tornado	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tsunami	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Volcano	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wildfire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Windstorm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Legend:**

§201.6(c)(3)(ii) Identification and Analysis of Mitigation Actions

A. Does the plan identify and analyze a comprehensive range of specific mitigation actions and projects for each hazard?